

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-64. (Canceled)

Claim 65. (New) A system for treating the heart, comprising:

a cardiac harness configured to conform generally to at least a portion of a human heart;

the cardiac harness having undulating strands;

at least some of the undulating strands forming an electrode; and

a power source for providing electrical energy to the electrode.

Claim 66. (New) The system of claim 65, wherein the at least some of the undulating strands forming the electrode are formed from a metallic alloy.

Claim 67. (New) The system of claim 66, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

Claim 68. (New) The system of claim 65, wherein the undulating strands are compressible for minimally invasive delivery of the cardiac harness.

Claim 69. (New) The system of claim 65, wherein the at least some undulating strands forming the electrode are electrically insulated from the remaining undulating strands.

Claim 70. (New) The system of claim 69, wherein the electrical insulation is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

Claim 71. (New) The system of claim 65, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

Claim 72. (New) The system of claim 65, wherein the electrode is configured to provide pacing therapy.

Claim 73. (New) The system of claim 65, wherein the electrode is configured to provide pacing and sensing therapy.

Claim 74. (New) A system for treating the heart, comprising:  
a cardiac harness having rows, the rows configured to cover at least a portion of the heart;  
at least some of the rows forming an electrode; and  
a power source for providing electrical energy to the electrode.

Claim 75. (New) The system of claim 74, wherein the at least some of the rows forming the electrode are formed from a metallic alloy.

Claim 76. (New) The system of claim 75, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

Claim 77. (New) The system of claim 74, wherein the rows are compressible for minimally invasive delivery of the cardiac harness.

Claim 78. (New) The system of claim 74, wherein the at least some rows forming the electrodes are electrically insulated from the remaining rows.

Claim 79. (New) The system of claim 78, wherein the electrical insulation is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

Claim 80. (New) The system of claim 74, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

Claim 81. (New) The system of claim 74, wherein the electrode is configured to provide pacing therapy.

Claim 82. (New) The system of claim 74, wherein the electrode is configured to provide pacing and sensing therapy.

Claim 83. (New) A system for treating the heart, comprising:  
a cardiac harness configured to conform generally to at least a portion of a human heart;  
the cardiac harness having a conducting portion and a non-conducting portion; and  
a power source for providing electrical energy to the conducting portion.

Claim 84. (New) The system of claim 83, wherein the conducting portion comprises an electrode.

Claim 85. (New) The system of claim 84, wherein the electrode is formed from a metallic alloy.

Claim 86. (New) The system of claim 85, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

Claim 87. (New) The system of claim 84, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

Claim 88. (New) The system of claim 84, wherein the electrode is configured to provide pacing therapy.

Claim 89. (New) The system of claim 84, wherein the electrode is configured to provide pacing and sensing therapy.

Claim 90. (New) The system of claim 83, wherein the conducting portion and the non-conducting portion are compressible for minimally invasive delivery of the cardiac harness.

Claim 91. (New) The system of claim 83, wherein the non-conducting portion is electrically insulated from the conducting portion.

Claim 92. (New) The system of claim 91, wherein the electrical insulation is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

Claim 93. (New) A system for treating the heart, comprising:  
a cardiac harness configured to conform generally to at least a portion of a human heart;  
the cardiac harness having spring elements;  
at least some of the spring elements forming an electrode; and  
a power source for providing electrical energy to the electrode.

Claim 94. (New) The system of claim 93, wherein the at least some of the spring elements forming the electrode are formed from a metallic alloy.

Claim 95. (New) The system of claim 94, wherein the metallic alloy is coated with a layer of material taken from the group of materials consisting of platinum, platinum-iridium or iridium oxide.

Claim 96. (New) The system of claim 93, wherein the spring elements are compressible for minimally invasive delivery of the cardiac harness.

Claim 97. (New) The system of claim 93, wherein the at least some spring elements forming the electrode are electrically insulated from the remaining spring elements.

Claim 98. (New) The system of claim 97, wherein the electrical insulation is taken from the group of insulating materials consisting of silicone rubber, Parylene™, polyurethanes, PTFE, TFE, and ePTFE.

Claim 99. (New) The system of claim 93, wherein the electrode is configured to provide an electrical shock to the heart for defibrillation.

Claim 100. (New) The system of claim 93, wherein the electrode is configured to provide pacing therapy.

Claim 101. (New) The system of claim 93, wherein the electrode is configured to provide pacing and sensing therapy.